Author Index

Aboul-ela, F., see Murchie, A.I.H. (1131) 1
Agui, T., see Yamada, T. (1131) 188
Akhundova, A., see Gorbulev, V. (1131) 99
Akiyama, K., see Seki, S. (1131) 287
Akiyama, S., see Tominaga, K. (1131) 217
Alberghina, L., see Longhi, S. (1131) 227
Andersen, A.H., see Tornaletti, S. (1131) 30
Ansorge, W., see Wirkner, U. (1131) 220
Arakawa, F., see Misumi, Y. (1131) 333
Atkins, R.C., see Williams, A.J. (1131) 214
Auwerx, J., see Peinado-Onsurbe, J. (1131) 281

Bambara, R.A., see DeStefano, J.J. (1131) 270
Bamberg, K., Mercier, F., Reuben, M.A., Kobayashi, Y., Munson, K.B. and Sachs, G.
cDNA cloning and membrane topology of the rabbit gastric H^+/K^+-ATPase α-subunit (1131) 69
Banfield, D.K., MacGillivray, R.T.A., Brown, J.C. and McIntosh, C.H.S.
The isolation and characterization of rabbit motilin precursor cDNA (1131) 341
Barraclough, R., see Ke, Y. (1131) 307
Bathini, Y., see Beerman, T.A. (1131) 53
Baulard, A., see Dartois, V. (1131) 253
Beerman, T.A., McHugh, M.M., Sigmund, R., Lown, J.W., Rao, K.E. and Bathini, Y.
Effects of analogs of the DNA minor groove binder Hoechst 33258 on topoisomerase II and I mediated activities (1131) 53
Birnstiel, M.L., see Larson, D.E. (1131) 139
Birnstiel, M.L., see Phillips, S.C. (1131) 95
Bleackley, R.C., see Prendergast, J.A. (1131) 192
Bowater, R., see Murchie, A.I.H. (1131) 1
Bowes, M., see Gambel, A.M. (1131) 203
Boye, E., see Wu, T.-H. (1131) 47
Brophy, B.K., MacDonald, R.E., McLenachan, P.A. and Mansfield, B.C.
cDNA sequence of the pregnancy-specific β_1-glycoprotein-11s (PSG-11s) (1131) 119
Brown, J.C., see Banfield, D.K. (1131) 341
Buiser, R.G., see DeStefano, J.J. (1131) 270

Cai, J., Collins, M.D., McDonald, V. and Thompson, D.E.
PCR cloning and nucleotide sequence determination of the 18S rRNA genes and internal transcribed spacer 1 of the protozoan parasites *Cryptosporidium parvum* and *Cryptosporidium muris* (1131) 317
Cairo, G., see Tacchini, L. (1131) 133
Cedeno, M., see Sadasivan, E. (1131) 91
Chao, J., see Chen, L.-M. (1131) 145
Chao, L., see Chen, L.-M. (1131) 145
Chao, S., see Chen, L.-M. (1131) 145
Chen, J.C. and Mortenson, L.E.
Identification of six open reading frames from a region of the *Azotobacter vinelandii* genome likely involved in dihydrogen metabolism (1131) 199
Chen, J.C. and Mortenson, L.E.
Two open reading frames (ORFs) identified near the hydrogenase structural genes in *Azotobacter vinelandii*, the first ORF may encode for a polypeptide similar to rubredoxins (1131) 122
Chen, L.-M., Chung, P., Chao, S., Chao, L. and Chao, J.
Differential regulation of kininogen gene expression by estrogen and progesterone in vivo (1131) 145
Christiansen, K., see Tornaletti, S. (1131) 30
Chung, P., see Chen, L.-M. (1131) 145
Collins, M.D., see Cai, J. (1131) 317
Collins, T., see Williams, A.J. (1131) 214
Colson, C., see Dartois, V. (1131) 253
Cybulsky, M.I., see Williams, A.J. (1131) 214

Dahl, H.-H.M., see Fitzgerald, J. (1131) 83
Dantzler-Whitworth, T., see Gambel, A.M. (1131) 203
Dartois, V., Baulard, A., Schanck, K. and Colson, C.
Cloning, nucleotide sequence and expression in *Escherichia coli* of a lipase gene from *Bacillus subtilis* 168 (1131) 253
Davail, S., see Narinx, E. (1131) 111
Deeb, S., see Peinado-Onsurbe, J. (1131) 281
Denslow, S., see Van Heeke, G. (1131) 337
DeStefano, J.J., Buiser, R.G., Mallaber, L.M., Fay, P.J. and Bambara, R.A.
Parameters that influence processive synthesis and site-specific termination by human immunodeficiency virus reverse transcriptase on RNA and DNA templates (1131) 270
Durkin, R.C., Weisinger, G., Holloway, M.P. and La Gamma, E.F.
Primary sequence of -1436 to $+53$ bp of the rat preproenkephalin gene putative Z-DNA and regulatory motifs (1131) 349

Edqvist, J., see Otter, C.A. (1131) 62
El-Din El-Husseini, A., Paterson, J.A., Myal, Y. and Shiu, R.P.C.
PCR detection of the rat brain basic fibroblast growth factor (bFGF) mRNA containing a unique 3′ untranslated region (1131) 314

Fahrenholz, F., see Gorbulev, V. (1131) 99
Farina, A.R., see Quinn, J.P. (1131) 181
Fay, P.J., see DeStefano, J.J. (1131) 270
Feller, G., see Narinx, E. (1131) 111
Fernig, D.G., see Ke, Y. (1131) 307
Ferrero, M., see Tacchini, L. (1131) 133
Fitzgerald, J., Hutchison, W.M. and Dahl, H.-H.M.
Isolation and characterisation of the mouse pyruvate dehydrogenase E1α genes (1131) 83
Fox, K.R., see Waterloh, K. (1131) 300
Fries, J.W.U., see Williams, A.J. (1131) 214
Fusetti, F., see Longhi, S. (1131) 227

Gallien, T.N., see Gambel, A.M. (1131) 203
Gambel, A.M., Gallien, T.N., Dantzler-Whitworth, T., Bowes, M. and Menick, D.R.
Sequence of the feline cardiac sarcoplasmic reticulum Ca^{2+}-ATPase (1131) 203
Gargano, S., see Minchiotti, G. (1131) 103

Gerday, C., see Narinx, E. (1131) 111
Gimbrone Jr., M.A., see Williams, A.J. (1131) 214
Gorbulev, V., Akhundova, A., Luzius, H. and Fahrenholz, F.
Molecular cloning of substance P receptor cDNA from guinea-pig uterus (1131) 99
Grandori, R., see Longhi, S. (1131) 227
Grelland, E., see Wu, T.-H. (1131) 47
Gruzdev, A.D. and Shurdov, M.A.
Topological state of DNA in polytene chromosomes (1131) 35

Hagerman, P.J.
Straightening out the bends in curved DNA (1131) 125
Hall, P.F., see Zhang, P. (1131) 345
Han, X.-G., see Zhang, P. (1131) 345
Handa, S., see Itoh, Y. (1131) 261
Hardy, S. and Thiebaud, P.
Isolation and characterization of cDNA clones encoding the skeletal and smooth muscle *Xenopus laevis* β tropomyosin isoforms (1131) 239
Hasse, A., Schulz, W.A. and Sies, H.
De novo methylation of transfected CAT gene plasmid constructs in F9 mouse embryonal carcinoma cells (1131) 16
Hata, S., Tsukamoto, T. and Osumi, T.
A novel isoform of rat hepatocyte nuclear factor 4 (HNF-4) (1131) 211
Hatsushika, M., see Seki, S. (1131) 287
Hayashi, Y., see Misumi, Y. (1131) 333
Helgason, C.D., see Prendergast, J.A. (1131) 192
Helms, L.R. and Swenson, R.P.
The primary structures of the flavodoxins from two strains of *Desulfovibrio gigas*. Cloning and nucleotide sequence of the structural genes (1131) 325
Hirayama, Y., see Watanabe, T. (1131) 321
Hoffmann, I., see Larson, D.E. (1131) 139
Holloway, M.P., see Durkin, R.C. (1131) 349
Horiuchi, T., see Kita, Y. (1131) 108
Huang, L., see Trubetskoy, V.S. (1131) 311
Hutchison, W.M., see Fitzgerald, J. (1131) 83

Iigo, Y., see Kita, Y. (1131) 108
Ikehara, Y., see Misumi, Y. (1131) 333
Ishikawa, N., see Itoh, Y. (1131) 261
Itoh, Y., Takeuchi, S., Shigemoto, K., Kubo, S., Handa, S., Ishikawa, N. and Maruyama, N.
The strain-dependent constitutive expression of murine serum amyloid-P component is regulated at the transcriptional level (1131) 261

Joost, H.G., see Schürmann, A. (1131) 245

Kagawa, Y., see Tominaga, K. (1131) 217
Kajiyama, N., see Tatsumi, H. (1131) 161
Kamataki, T., see Komori, M. (1131) 23
Ke, Y., Wilkinson, M.C., Fernig, D.G., Smith, J.A., Rudland, P.S. and Barraclough, R.
A rapid procedure for production of human basic fibroblast growth factor in *Escherichia coli* cells (1131) 307
Keller, K., see Schürmann, A. (1131) 245
Kennel, S., see Trubetskoy, V.S. (1131) 311
Kikuchi, O., see Komori, M. (1131) 23
Kita, Y., Takashi, T., Iigo, Y., Tamatani, T., Miyasaka, M. and Horiuchi, T.
Sequence and expression of rat ICAM-1 (1131) 108
Kitada, M., see Komori, M. (1131) 23
Kitano, A., see Obayashi, M. (1131) 41
Kobayashi, K., see Obayashi, M. (1131) 41
Kobayashi, Y., see Bamberg, K. (1131) 69
Komori, M., Kikuchi, O., Kitada, M. and Kamataki, T.
Molecular cloning of monkey P450 1A1 cDNA and expression in yeast (1131) 23
Kubo, S., see Itoh, Y. (1131) 261
Kuida, K., see Watanabe, T. (1131) 321

La Gamma, E.F., see Durkin, R.C. (1131) 349
Larson, D.E., Hoffmann, I., Zahradka, P., Birnstiel, M.L. and Sells, B.H.
Histone H4 mRNA levels are down-regulated by 3′ RNA processing during terminal differentiation of myoblasts (1131) 139
Lichter, P., see Wirkner, U. (1131) 220
Lilley, D.M.J., see Murchie, A.I.H. (1131) 1
Llobera, M., see Peinado-Onsurbe, J. (1131) 281
Longhi, S., Fusetti, F., Grandori, R., Lotti, M., Vanoni, M. and Alberghina, L.
Cloning and nucleotide sequences of two lipase genes from *Candida cylindracea* (1131) 227
Loose-Mitchell, D.S., see Zyglewska, T. (1131) 78
Lotti, M., see Longhi, S. (1131) 227
Lown, J.W., see Beerman, T.A. (1131) 53
Luzius, H., see Gorbulev, V. (1131) 99

MacDonald, R.E., see Brophy, B.K. (1131) 119
MacGillivray, R.T.A., see Banfield, D.K. (1131) 341
Maekawa, K., see Okafuji, T. (1131) 329
Maines, M.D. and Trakshel, G.M.
Differential regulation of heme oxygenase isozymes by Sn- and Zn-protoporphyrins: possible relevance to suppression of hyperbilirubinemia (1131) 166
Mallaber, L.M., see DeStefano, J.J. (1131) 270
Mansfield, B.C., see Brophy, B.K. (1131) 119
Maresca, B., see Minchiotti, G. (1131) 103
Marinus, M.G., see Wu, T.-H. (1131) 47
Marotti, K.R., see Murray, R.W. (1131) 207
Marumoto, Y., see Okafuji, T. (1131) 329
Maruyama, N., see Itoh, Y. (1131) 261
Matsui-Yuasa, I., see Obayashi, M. (1131) 41
Matsumoto, K., see Yamada, T. (1131) 188
Matsuyama, S., see Shuntoh, H. (1131) 175
Matuda, S., Nakano, K., Ohta, S., Shimura, M., Yamanaka, T., Nakagawa, S., Titani, K. and Miyata, T.
Molecular cloning of dihydrolipoamide acetyltransferase of the rat pyruvate dehydrogenase complex: sequence comparison and evolutionary relationship to other dihydrolipoamide acyltransferases (1131) 114
McDonald, V., see Cai, J. (1131) 317
McHugh, M.M., see Beerman, T.A. (1131) 53
McIntosh, C.H.S., see Banfield, D.K. (1131) 341
McLenachan, P.A., see Brophy, B.K. (1131) 119
Menick, D.R., see Gambel, A.M. (1131) 203
Mercier, F., see Bamberg, K. (1131) 69
Minchiotti, G., Gargano, S. and Maresca, B.
Molecular cloning and expression of *hsp82* gene of the dimorphic pathogenic fungus *Histoplasma capsulatum* (1131) 103
Misumi, Y., Hayashi, Y., Arakawa, F. and Ikehara, Y.
Molecular cloning and sequence analysis of human dipeptidyl peptidase IV, a serine proteinase on the cell surface (1131) 333
Miyasaka, M., see Kita, Y. (1131) 108
Miyasaka, M., see Watanabe, T. (1131) 321
Miyata, T., see Matuda, S. (1131) 114
Monden, I., see Schürmann, A. (1131) 245
Mortenson, L.E., see Chen, J.C. (1131) 122
Mortenson, L.E., see Chen, J.C. (1131) 199
Munson, K.B., see Bamberg, K. (1131) 69
Murchie, A.I.H., Bowater, R., Aboul-ela, F. and Lilley, D.M.J.
Helix opening transitions in supercoiled DNA (1131) 1

Murray, R.W. and Marotti, K.R.
Nucleotide sequence of the cynomolgus monkey apolipoprotein A-I gene and corresponding flanking regions (1131) 207
Myal, Y., see El-Din El-Husseini, A. (1131) 314

Nagao, K., see Seki, S. (1131) 287
Nakagawa, S., see Matuda, S. (1131) 114
Nakano, E., see Tatsumi, H. (1131) 161
Nakano, K., see Matuda, S. (1131) 114
Narinx, E., Davail, S., Feller, G. and Gerday, C.
Nucleotide and derived amino acid sequence of the subtilisin from the antarctic psychrotroph *Bacillus* TA39 (1131) 111
Narise, S., see Tominaga, H. (1131) 233
Nason, T.F., see Zhang, P. (1131) 345
Nawa, K., see Okafuji, T. (1131) 329
Neelin, J.M., see Shwed, P.S. (1131) 152

Obayashi, M., Matsui-Yuasa, I., Kitano, A., Kobayashi, K. and Otani, S.
Posttranslational regulation of spermidine/spermine N^1-acetyltransferase with stress (1131) 41
Ohashi, K., see Zyglewska, T. (1131) 78
Ohta, S., see Matuda, S. (1131) 114
Ohta, S., see Tominaga, K. (1131) 217
Okafuji, T., Maekawa, K., Nawa, K. and Marumoto, Y.
The cDNA cloning and mRNA expression of rat protein C (1131) 329
Osumi, T., see Hata, S. (1131) 211
Otani, S., see Obayashi, M. (1131) 41
Otter, C.A., Edqvist, J. and Stråby, K.B.
Characterization of transcription and processing from plasmids that use polIII and a yeast tRNA gene as promoter to transcribe promoterdeficient downstream DNA (1131) 62

Paterson, J.A., see El-Din El-Husseini, A. (1131) 314
Pedrini, A.M., see Tornaletti, S. (1131) 30
Peinado-Onsurbe, J., Staels, B., Deeb, S., Ramirez, I., Llobera, M. and Auwerx, J.
Neonatal extinction of liver lipoprotein lipase expression (1131) 281
Phillips, S.C. and Birnstiel, M.L.
Analysis of a gene cluster coding for the *Xenopus laevis* U7 snRNA (1131) 95
Prendergast, J.A., Helgason, C.D. and Bleackley, R.C.
A comparison of the flanking regions of the mouse cytotoxic cell proteinase genes (1131) 192
Pyerin, W., see Wirkner, U. (1131) 220

Quinn, J.P., Simpson, J. and Farina, A.R.
The Ku complex is modulated in response to viral infection and other cellular changes (1131) 181

Ramirez, I., see Peinado-Onsurbe, J. (1131) 281
Rao, K.E., see Beerman, T.A. (1131) 53
Rappocciolo, E., see Tacchini, L. (1131) 133
Reuben, M.A., see Bamberg, K. (1131) 69
Rothenberg, S.P., see Sadasivan, E. (1131) 91
Rudland, P.S., see Ke, Y. (1131) 307

Sachs, G., see Bamberg, K. (1131) 69
Sadasivan, E., Cedeno, M. and Rothenberg, S.P.
Genomic organization of the gene and a related pseudogene for a human folate binding protein (1131) 91
Saitoh, M., see Shuntoh, H. (1131) 175
Sakamoto, N., see Shuntoh, H. (1131) 175
Sanduja, R., see Zyglewska, T. (1131) 78
Sanduja, S.K., see Zyglewska, T. (1131) 78
Schanck, K., see Dartois, V. (1131) 253
Schiaffonati, L., see Tacchini, L. (1131) 133
Schulz, W.A., see Hasse, A. (1131) 16
Schürmann, A., Monden, I., Joost, H.G. and Keller, K.
Subcellular distribution and activity of glucose transporter isoforms GLUT1 and GLUT4 transiently expressed in COS-7 cells (1131) 245
Seki, S., Hatsushika, M., Watanabe, S., Akiyama, K., Nagao, K. and Tsutsui, K.
cDNA cloning, sequencing, expression and possible domain structure of human APEX nuclease homologous to *Escherichia coli* exonuclease III (1131) 287
Seligy, V.L., see Shwed, P.S. (1131) 152
Sells, B.H., see Larson, D.E. (1131) 139
Shiba, T., see Tominaga, H. (1131) 233
Shigemoto, K., see Itoh, Y. (1131) 261
Shimura, M., see Matuda, S. (1131) 114
Shiu, R.P.C., see El-Din El-Husseini, A. (1131) 314
Shuntoh, H., Sakamoto, N., Matsuyama, S., Saitoh, M. and Tanaka, C.
Molecular structure of the Cβ catalytic subunit of rat cAMP-dependent protein kinase and differential expression of Cα and Cβ isoforms in rat tissues and cultured cells (1131) 175
Shurdov, M.A., see Gruzdev, A.D. (1131) 35
Shwed, P.S., Neelin, J.M. and Seligy, V.L.
Expression of *Xenopus laevis* histone H5 gene in yeast (1131) 152
Sies, H., see Hasse, A. (1131) 16
Sigmund, R., see Beerman, T.A. (1131) 53
Simpson, J., see Quinn, J.P. (1131) 181
Smith, J.A., see Ke, Y. (1131) 307
Song, Y., see Watanabe, T. (1131) 321
Staels, B., see Peinado-Onsurbe, J. (1131) 281
Stråby, K.B., see Otter, C.A. (1131) 62
Suzuki, Y., see Yamada, T. (1131) 188
Swenson, R.P., see Helms, L.R. (1131) 325

Tacchini, L., Rappocciolo, E., Ferrero, M., Schiaffonati, L. and Cairo, G.
Ferritin mRNAs on rat liver membrane-bound polysomes synthesize ferritin that does not translocate across membranes (1131) 133
Takashi, T., see Kita, Y. (1131) 108
Takeuchi, S., see Itoh, Y. (1131) 261
Tamatani, T., see Kita, Y. (1131) 108
Tamatani, T., see Watanabe, T. (1131) 321
Tanaka, C., see Shuntoh, H. (1131) 175
Tatsumi, H., Kajiyama, N. and Nakano, E.
Molecular cloning and expression in *Escherichia coli* of a cDNA clone encoding luciferase of a firefly, *Luciola lateralis* (1131) 161
Thiebaud, P., see Hardy, S. (1131) 239
Thompson, D.E., see Cai, J. (1131) 317
Titani, K., see Matuda, S. (1131) 114
Tominaga, H., Shiba, T. and Narise, S.
Structure of *Drosophila virilis* glycerol-3-phosphate dehydrogenase gene and a comparison with the *Drosophila melanogaster* gene (1131) 233
Tominaga, K., Akiyama, S., Kagawa, Y. and Ohta, S.
Upstream region of a genomic gene for human mitochondrial transcription factor 1 (1131) 217
Torchilin, V.P., see Trubetskoy, V.S. (1131) 311
Tornaletti, S., Andersen, A.H., Christiansen, K. and Pedrini, A.M.
8-Methoxycaffeine inhibition of *Drosophila* DNA topoisomerase II (1131) 30
Towle, C.A., Weissbach, L. and Treadwell, B.V.
Alternatively spliced annexin XI transcripts encode proteins that differ near the amino-terminus (1131) 223
Trakshel, G.M., see Maines, M.D. (1131) 166

Treadwell, B.V., see Towle, C.A. (1131) 223
Trubetskoy, V.S., Torchilin, V.P., Kennel, S. and Huang, L.
Cationic liposomes enhance targeted delivery and expression of exogenous DNA mediated by N-terminal modified poly(L-lysine)-antibody conjugate in mouse lung endothelial cells (1131) 311
Tsukamoto, T., see Hata, S. (1131) 211
Tsutsui, K., see Seki, S. (1131) 287

Van Heeke, G., Denslow, S., Watkins, J.R., Wilson, K.J. and Wagner, F.W.
Cloning and nucleotide sequence of the *Vibrio proteolyticus* aminopeptidase gene (1131) 337
Vanoni, M., see Longhi, S. (1131) 227
Voss, H., see Wirkner, U. (1131) 220

Wagner, F.W., see Van Heeke, G. (1131) 337
Watanabe, S., see Seki, S. (1131) 287
Watanabe, T., Song, Y., Hirayama, Y., Tamatani, T., Kuida, K. and Miyasaka, M.
Sequence and expression of a rat cDNA for LECAM-1 (1131) 321
Waterloh, K. and Fox, K.R.
Secondary (non-GpC) binding sites for actinomycin on DNA (1131) 300
Watkins, J.R., see Van Heeke, G. (1131) 337
Weisinger, G., see Durkin, R.C. (1131) 349
Weissbach, L., see Towle, C.A. (1131) 223
Weitz, S., see Wirkner, U. (1131) 220
Wilkinson, M.C., see Ke, Y. (1131) 307
Williams, A.J., Atkins, R.C., Fries, J.W.U., Gimbrone Jr., M.A., Cybulsky, M.I. and Collins, T.
Nucleotide sequence of rat vascular cell adhesion molecule-1 cDNA (1131) 214
Wilson, K.J., see Van Heeke, G. (1131) 337
Wirkner, U., Voss, H., Lichter, P., Weitz, S., Ansorge, W. and Pyerin, W.
Human casein kinase II subunit α: sequence of a processed (pseudo)gene and its localization on chromosome 11 (1131) 220
Wu, K.K., see Zyglewska, T. (1131) 78
Wu, T.-H., Grelland, E., Boye, E. and Marinus, M.G.
Identification of a weak promoter for the *dam* gene of *Escherichia coli* (1131) 47

Yamada, T., Suzuki, Y., Agui, T. and Matsumoto, K.
Elevation of metallothionein gene expression associated with hepatic copper accumulation in Long-Evans Cinnamon mutant rat (1131) 188
Yamanaka, T., see Matuda, S. (1131) 114

Zahradka, P., see Larson, D.E. (1131) 139
Zhang, P., Nason, T.F., Han, X.-G. and Hall, P.F.
Gene for 17α-hydroxylase/C (17–20) lyase *P*-450: complete nucleotide sequence of the porcine gene and 5′ upstream sequence of the rat gene (1131) 345
Zyglewska, T., Sanduja, R., Ohashi, K., Loose-Mitchell, D.S., Sanduja, S.K. and Wu, K.K.
Inhibition of endothelial cell prostaglandin H synthase gene expression by naproxen (1131) 78